

CANCER RELATED BONE PAIN

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Abstract:

Bone pain due to cancer is caused by primary bone tumors and those malignant diseases that commonly metastasize to the bones. The skeleton is one of the most common sites of tumor metastases. Metastatic cancer invades bone in 60%-84% cases. Up to 80% of all bone metastases are related to cancer of the breast, prostate, lung, thyroid, and kidney. This lecture review of

Pathophysiology of bone pain, bone pain syndromes, Evaluation of the Patient with Bone Cancer, treatment modalities includes of: Nonsteroidal anti-inflammatory drug (NSAIDs).

Bisphosphonates, corticosteroids, Calcitonin, Opioid analgesics, Adjuvant Analgesics

Hormonal Therapy and Procedural Interventions: Intralesional Injection, Percutaneous Vertebroplasty/Kyphoplasty, Rhizotomy, Radiotherapy, Orthopedic surgery, chemotherapy

And Radionuclides.

Key words: cancer pain, bone pain